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# Incoming Trunk Programmable Calling Line Identification

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The Incoming Trunk Programmable Calling Line Identification feature allows a billing number to be assigned to incoming trunk routes. The billing number length can be from one to 16 digits, and is only used when the incoming trunk terminates to a PRI trunk connected to a Public Exchange/Central Office. The billing number is inserted into the Calling Line Identification (CLID) field of the outgoing PRI trunk route.

An option is also provided that allows the billing number to have the “Presentation Allowed” field in the outgoing route CLID to be allowed or denied. This will allow or deny the display of the billing number when the call terminates on a set off the Central Office.

In addition, incoming routes that support CLID can have the Billing Number replace the CLID for tandeming only.

## Operating parameters

This feature is not supported on SL-1 interfaces.

M911 trunks do not support the billing number.

If the route defined is both incoming and outgoing, the billing number will only be used for incoming calls to support outgoing Integrated Services Digital Network (ISDN) routes.

The billing number is not unique; the same number can be programmed for multiple routes.

The billing number is only inserted on tandem calls for supporting trunks to the Central Office. Therefore, the display of billing number on sets is not provided, and the CDR output will not show the billing number.

There is no control over how the Central Office uses the billing number. The presentation indicator is configurable to either allow or deny the displaying of the billing number. This is only used for the outgoing call to the Central Office which means when the call terminates on a set off the Central Office the billing number will be displayed at that set if the option is set (BDSP = YES).

Call redirection is not supported (e.g., if the incoming call terminates on the Meridian 1 and is transferred, or call forwarded to the Central Office, the billing number is not passed on to the Central Office).

## Feature interactions

Not applicable.

## Feature packaging

The Incoming Trunk Programmable Calling Line Identification feature is part of basic X11 system software. The following software option package is required to activate this feature:

- Integrated Services Digital Network (ISDN) package 145.

For ISDN and networking, some or all of the following packages may be required:

- Basic Alternate Route Selection (BARS) package 57
- Network Alternate Route Selection (NARS) package 58
- Coordinated Dialing Plan (CDP) package 59
- Basic Routing (BRTE) package 14, and
- Network Class of Service (NCOS) package 32.

## Feature implementation

### LD 16 – Configure the incoming route.

| Prompt | Response    | Description                                      |
|--------|-------------|--------------------------------------------------|
| REQ    | NEW, or CHG | New, or Change.                                  |
| TYPE   | RDB         | Route data block.                                |
| ...    |             |                                                  |
| BILN   | (NO), YES   | Billing number (is not) is required.             |
| BLN    | 1-(10)-16   | Billing number length. The default is 10 digits. |
| BNUM   | x...x       | Billing number (1 to 16 digits).                 |
| BDSP   | (NO), YES   | (Do not) display Billing Number.                 |

### LD 16 – Configure the outgoing route.

| Prompt | Response  | Description                                                             |
|--------|-----------|-------------------------------------------------------------------------|
| REQ    | CHG       | Change.                                                                 |
| TYPE   | RDB       | Route data block.                                                       |
| ...    |           |                                                                         |
| ISDN   | (NO), YES | ISDN route must be YES.                                                 |
| ...    |           |                                                                         |
| IFC    | xxxx      | Select the appropriate interface type for route (cannot be SL1 or IDA). |
| SBN    | (NO), YES | (Do not) send billing number. Must be set to YES.                       |

## Feature operation

No specific operating instructions are required to use this feature.